

60137-231; 265-3038-U

REMARKS

Applicant has now addressed the issues raised in the Notice of September 19, 2005. Continued examination is requested.

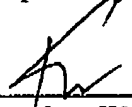
Applicant has amended this application in response to the office action. The examiner did not examine certain claims that do cover the Figure 6 embodiment, which is the elected embodiment. In particular, the Figure 6 embodiment includes a storage capacitor such as found in original claim 15.

All of the independent claims now require that there be a position sensor for sensing a position of a plunger, and controlling operation of a solenoid based upon that position. The Yiu reference does not meet this limitation. The examiner points to broad references of controls in Yiu, however, there is no specific mention of a position sensor, nor certainly a position sensor performing the control features as now set forth in the claims.

The dependent claims 15, 21, and 22 all require that a capacitor store energy for the "return" stroke. Certainly Yiu cannot meet this limitation.

For the reasons set forth above, all claims are allowable. An indication of such is earnestly solicited.

Respectfully submitted,


Theodore W. Olds, Reg. No. 33,080
Carlson, Gaskey & Olds
400 W. Maple Road, Ste. 350
Birmingham, MI 48009
(248) 988-8360

Dated: October , 2005

CERTIFICATE OF TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States patent and Trademark Office, fax number (571) 273-8300, on October 6, 2005.


Laura Combs